

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009731.D
 Acq On : 27 Jul 2022 17:49
 Operator : KP/MD
 Sample : N3944-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2286

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Title : SW846 8260

Signal : TIC: VY009731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.204	382	391	398	rBV2	3165	10428	1.04%	0.071%
2	4.704	462	473	484	rBV3	16850	51394	5.14%	0.351%
3	5.734	632	642	651	rVB4	3245	10252	1.03%	0.070%
4	6.978	837	846	867	rBV2	11790	53925	5.39%	0.368%
5	7.710	956	966	972	rBV	112222	266897	26.69%	1.824%
6	7.783	972	978	990	rVB	227362	509020	50.91%	3.478%
7	8.130	1021	1035	1048	rBV2	126066	384184	38.42%	2.625%
8	8.685	1117	1126	1137	rBV	386393	751686	75.18%	5.136%
9	10.179	1363	1371	1386	rBV	425575	741534	74.16%	5.066%
10	10.575	1430	1436	1441	rBV2	11244	20419	2.04%	0.140%
11	10.947	1491	1497	1503	rBV3	7192	12991	1.30%	0.089%
12	11.319	1552	1558	1564	rVB2	9212	17794	1.78%	0.122%
13	11.489	1577	1586	1592	rBV	568431	921483	92.16%	6.296%
14	11.703	1611	1621	1624	rBV4	9611	24095	2.41%	0.165%
15	12.001	1663	1670	1672	rBV4	11832	25013	2.50%	0.171%
16	12.160	1692	1696	1699	rBV	12755	19532	1.95%	0.133%
17	12.245	1705	1710	1720	rVV4	16536	30722	3.07%	0.210%
18	12.331	1720	1724	1728	rVB3	6502	10450	1.05%	0.071%
19	12.477	1742	1748	1755	rBV	309258	485910	48.60%	3.320%
20	12.648	1772	1776	1783	rVB4	14853	31149	3.12%	0.213%
21	12.727	1783	1789	1793	rBV3	31594	64798	6.48%	0.443%
22	12.806	1796	1802	1807	rVV4	94248	175933	17.59%	1.202%
23	12.861	1807	1811	1815	rVB4	20085	31361	3.14%	0.214%
24	12.946	1821	1825	1829	rBV5	13277	20932	2.09%	0.143%
25	13.038	1837	1840	1848	rVB4	35138	65132	6.51%	0.445%
26	13.117	1848	1853	1858	rBV	68392	113575	11.36%	0.776%
27	13.190	1858	1865	1870	rVB9	13748	34228	3.42%	0.234%
28	13.251	1870	1875	1878	rBV3	20576	36644	3.66%	0.250%
29	13.312	1878	1885	1889	rVV5	54762	131406	13.14%	0.898%
30	13.355	1889	1892	1896	rVV5	18669	32489	3.25%	0.222%
31	13.422	1897	1903	1912	rVB	466552	764430	76.45%	5.223%
32	13.495	1912	1915	1918	rBV3	15884	20644	2.06%	0.141%
33	13.617	1930	1935	1939	rBV3	39802	75247	7.53%	0.514%
34	13.666	1939	1943	1946	rVV2	23304	36867	3.69%	0.252%
35	13.745	1951	1956	1961	rBV2	234815	401001	40.10%	2.740%
36	13.849	1971	1973	1976	rBV3	18901	18653	1.87%	0.127%

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Integrator: RTE

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Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.916	1981	1984	1988	rVV2	41341	66956	6.70%	0.457%
38	13.965	1989	1992	1997	rVB4	62395	91467	9.15%	0.625%
39	14.074	2005	2010	2015	rBV2	118727	215169	21.52%	1.470%
40	14.129	2015	2019	2026	rBV9	80853	193024	19.30%	1.319%
41	14.196	2026	2030	2035	rBV5	65917	139251	13.93%	0.951%
42	14.257	2035	2040	2043	rBV3	262322	498820	49.89%	3.408%
43	14.385	2056	2061	2063	rBV3	135272	218889	21.89%	1.496%
44	14.422	2063	2067	2070	rVV	222535	337144	33.72%	2.303%
45	14.471	2070	2075	2081	rVB6	133456	277122	27.71%	1.893%
46	14.611	2095	2098	2103	rVB3	169742	234430	23.45%	1.602%
47	14.678	2103	2109	2113	rBV2	215894	475551	47.56%	3.249%
48	14.727	2113	2117	2124	rVB2	334559	576684	57.67%	3.940%
49	14.842	2131	2136	2139	rBV2	247817	472094	47.21%	3.225%
50	14.873	2139	2141	2146	rVB2	227990	288275	28.83%	1.970%
51	14.940	2148	2152	2156	rVB2	275189	438690	43.87%	2.997%
52	15.001	2158	2162	2164	rBV2	105566	177021	17.70%	1.209%
53	15.037	2165	2168	2173	rVB5	119648	225444	22.55%	1.540%
54	15.287	2202	2209	2214	rBV5	266618	724178	72.42%	4.948%
55	15.440	2230	2234	2238	rBV3	174745	303780	30.38%	2.076%
56	15.726	2277	2281	2287	rBV4	250183	443291	44.33%	3.029%
57	16.159	2348	2352	2357	rVB4	192896	344678	34.47%	2.355%
58	16.226	2358	2363	2369	rBV2	478694	999914	100.00%	6.832%
59	16.476	2400	2404	2411	rBV6	211031	492336	49.24%	3.364%

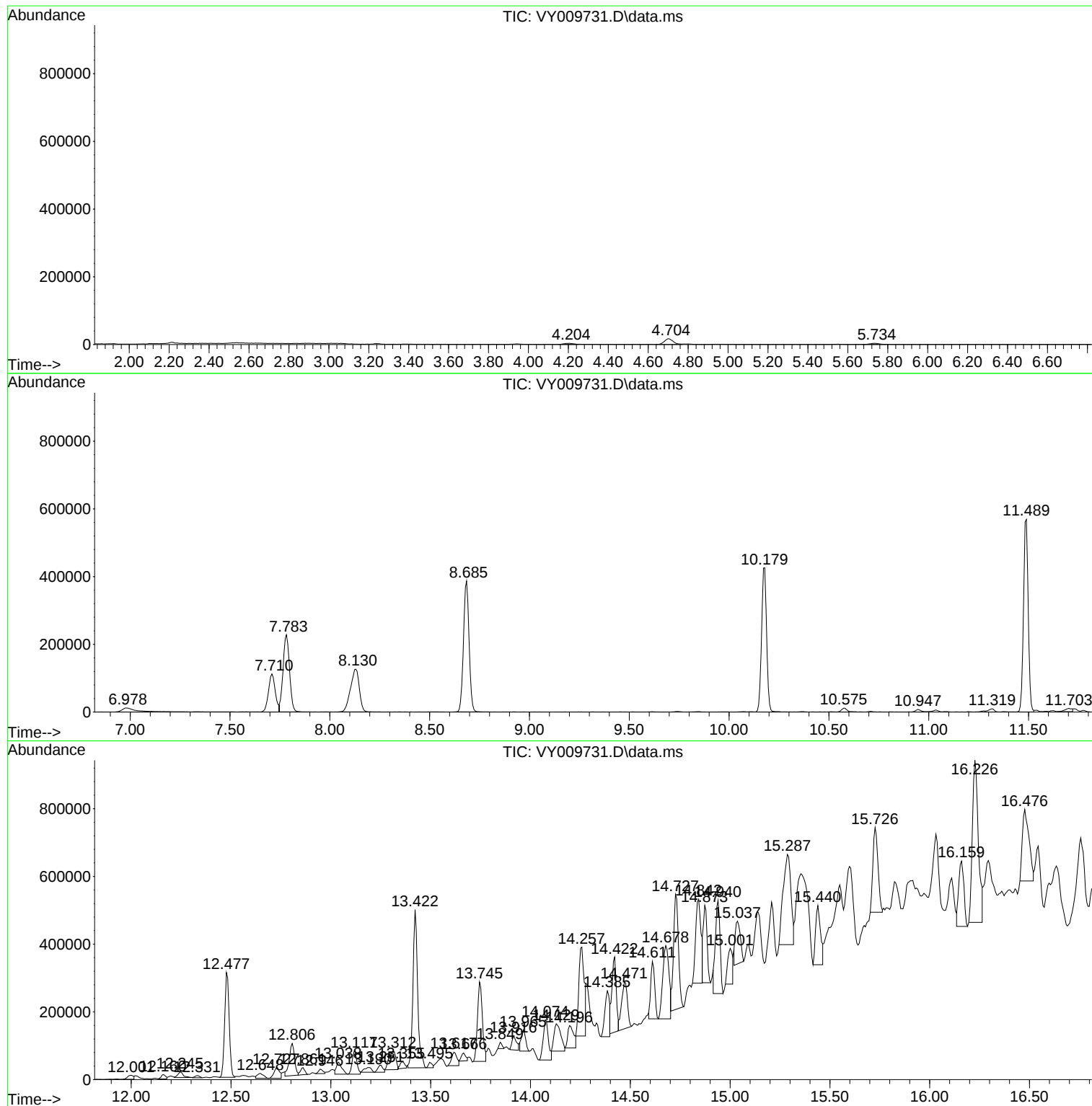
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
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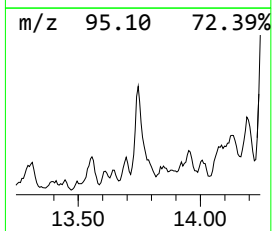
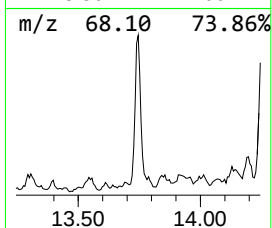
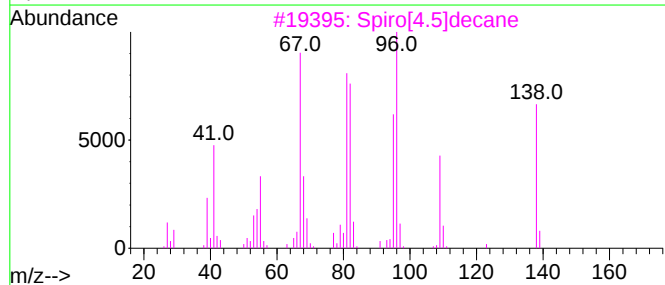
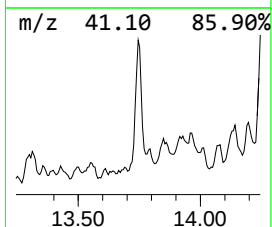
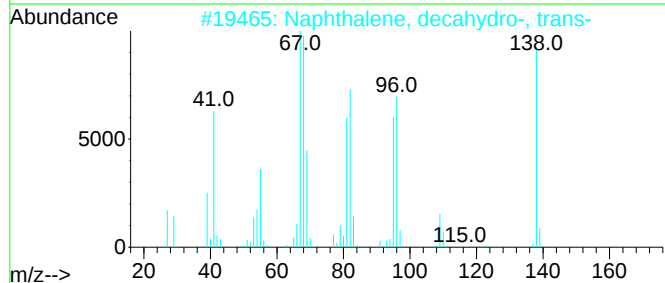
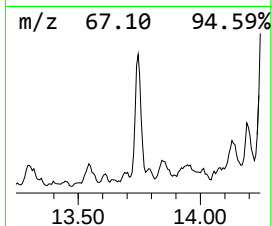
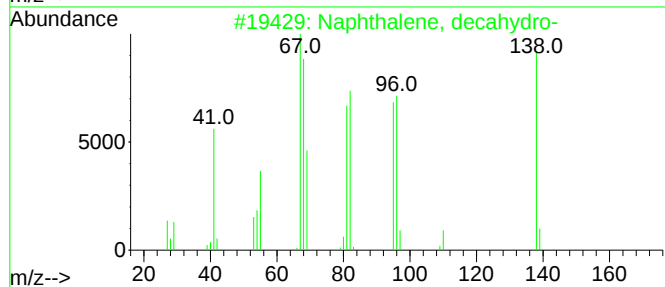
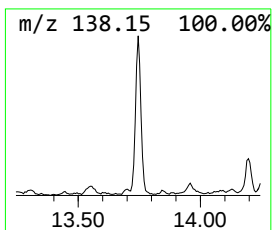
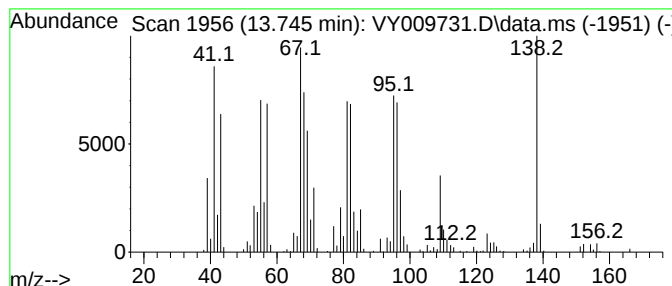
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	26.23 ug/l	401001	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3			Spiro[4.5]decane	138	C10H18	000176-63-6	89
4			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	70



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Instrument :
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ClientSampleId :
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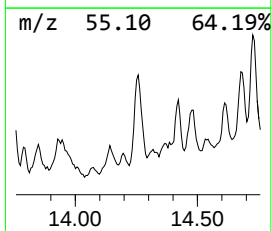
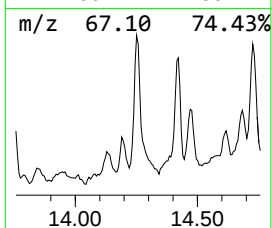
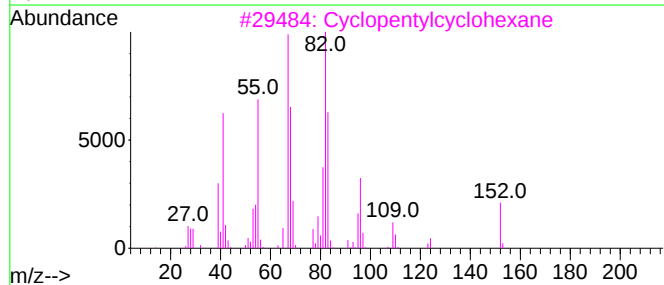
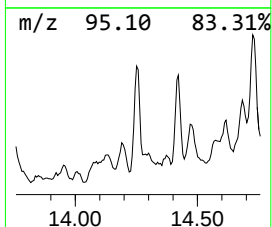
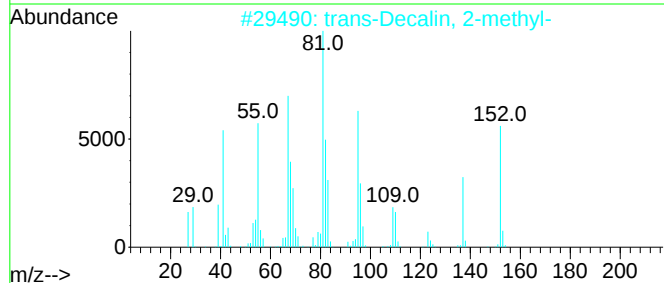
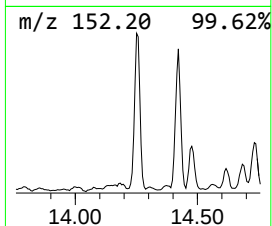
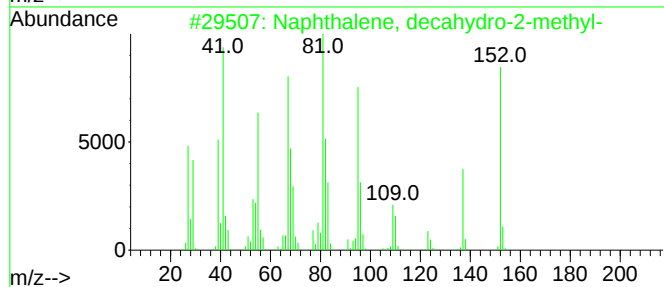
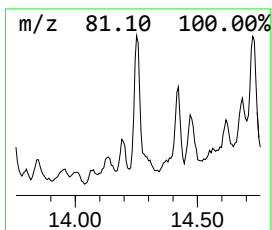
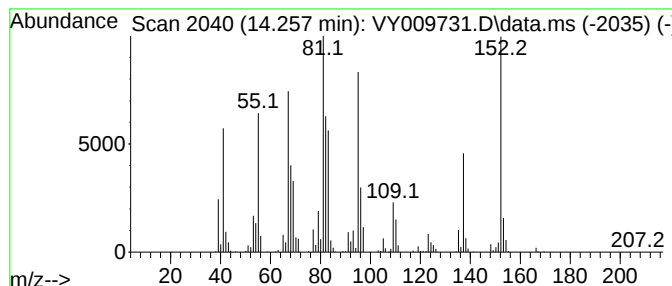
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	32.63 ug/l	498820	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3			Cyclopentylcyclohexane	152	C11H20	001606-08-2	78
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	64



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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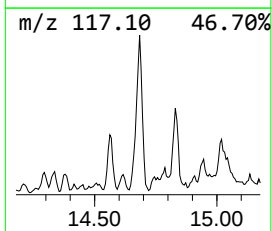
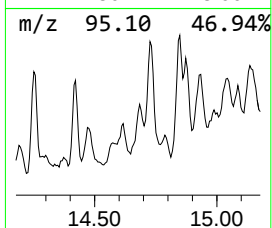
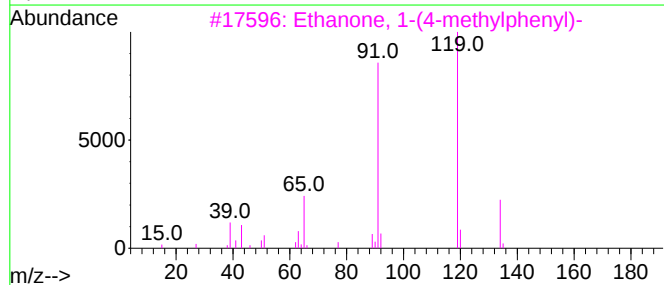
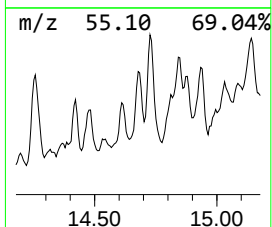
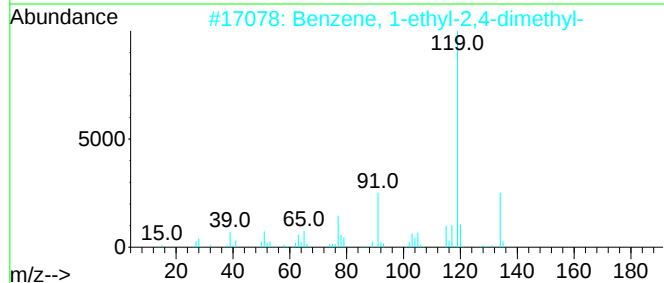
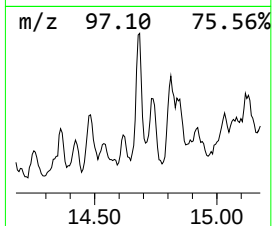
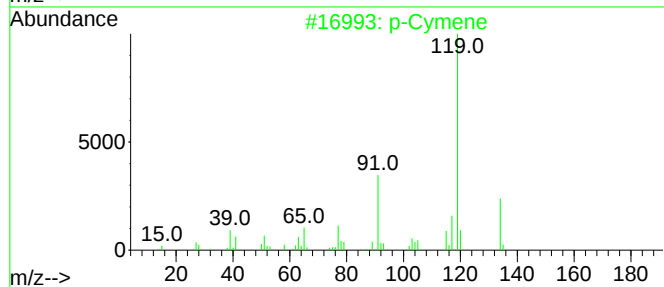
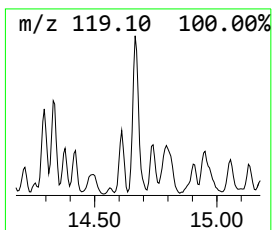
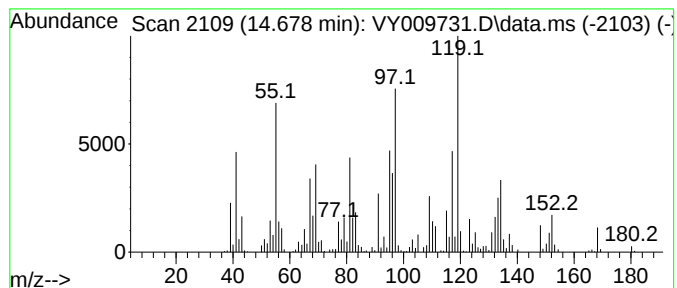
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown14.678 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	31.10 ug/l	475551	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	20
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	20
3			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	20
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	18
5			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	18



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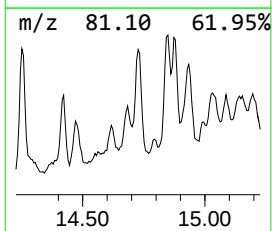
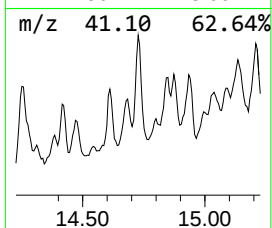
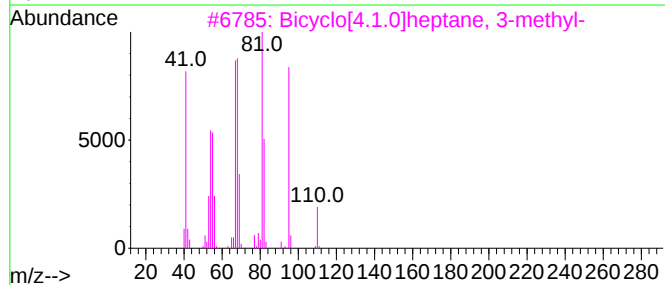
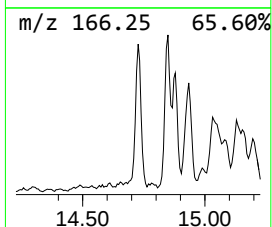
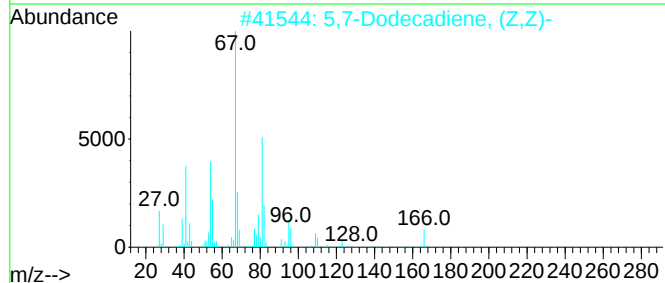
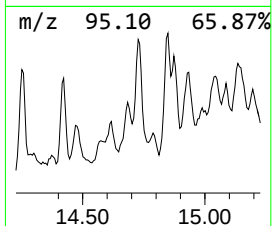
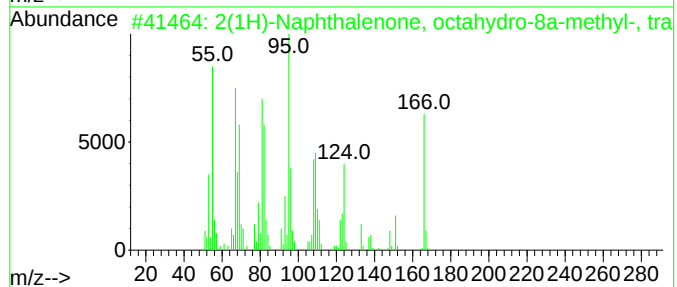
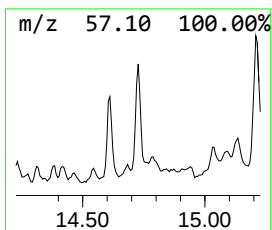
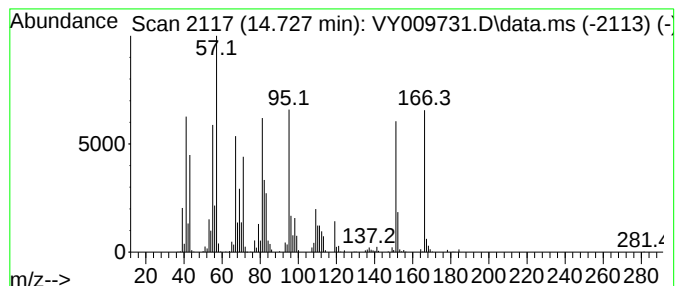
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2(1H)-Naphthalenone, octahy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	37.72 ug/l	576684	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	53
2			5,7-Dodecadiene, (Z,Z)-	166	C12H22	006108-62-9	46
3			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	44
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	44
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	42



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RT2286

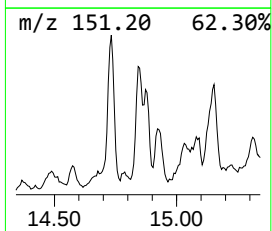
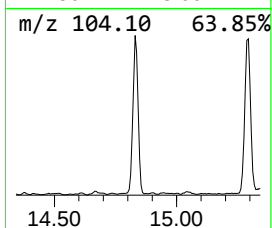
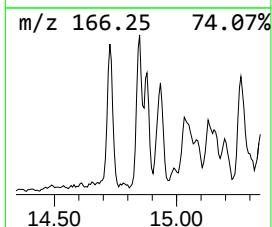
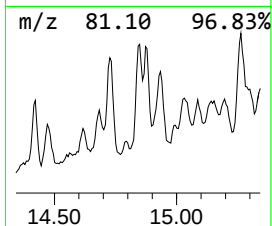
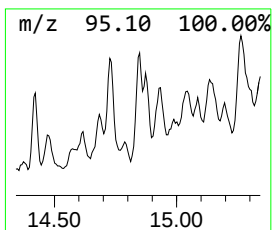
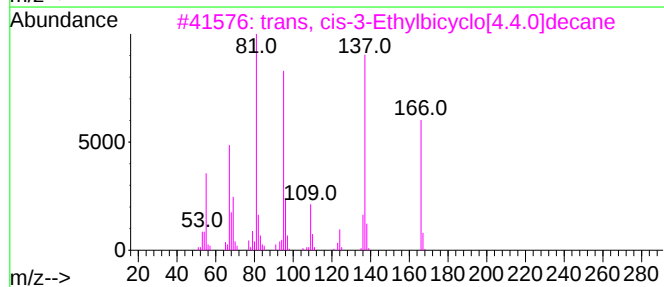
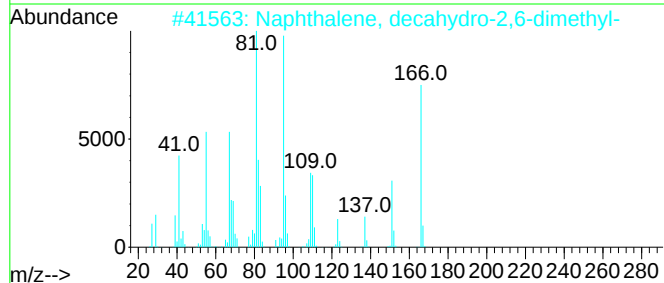
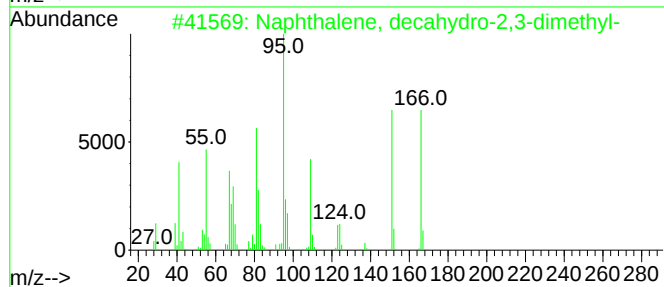
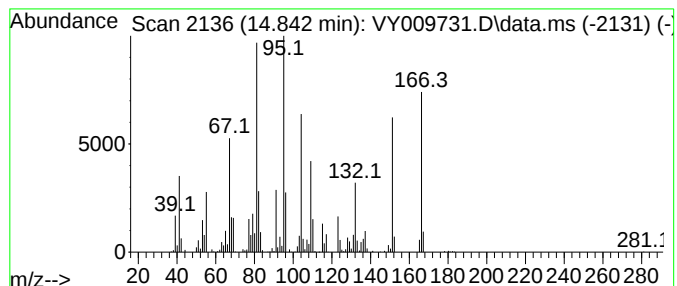
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-2,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	30.88 ug/l	472094	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	83
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	68
3			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	62
4			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
5			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

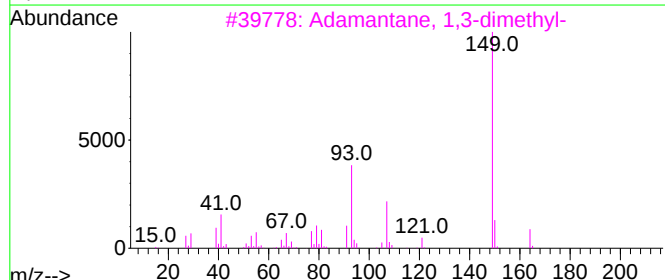
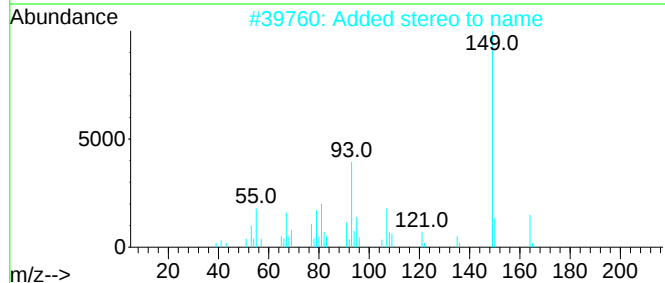
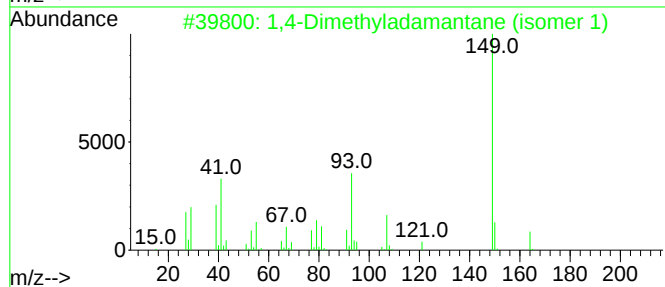
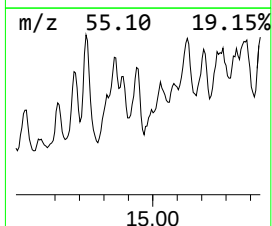
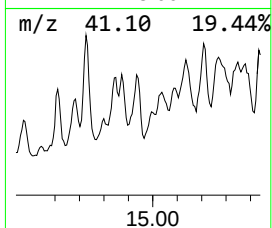
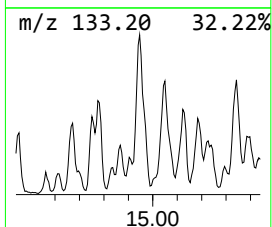
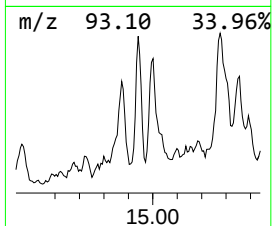
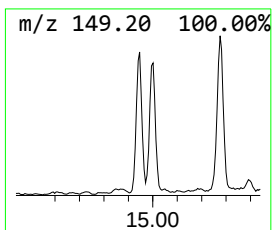
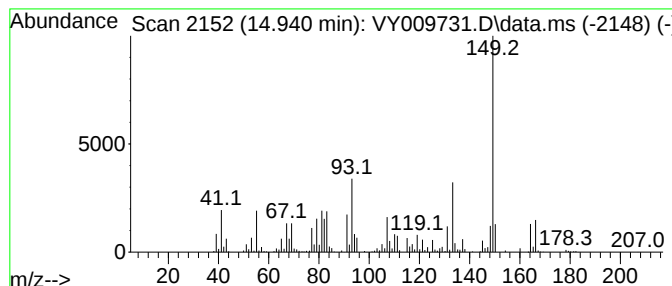
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,4-Dimethyladamantane (iso... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	28.69 ug/l	438690	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	92
2			Added stereo to name	164	C12H20	024145-88-8	70
3			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	58
4			1H-S-Triazolo[1,5-a]pyridin-4-yl...	149	C7H7N3O	013980-64-8	49
5			2-Ethyl-5-methyl-2-phenyl-4-hex...	218	C15H22O	1000432-24-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

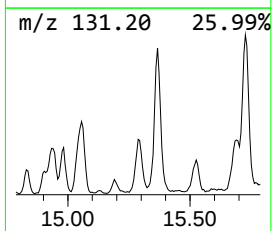
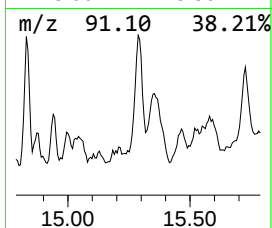
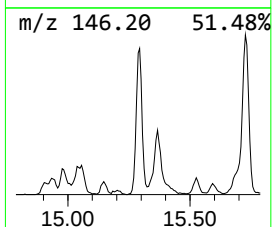
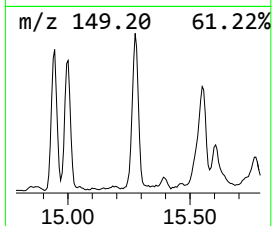
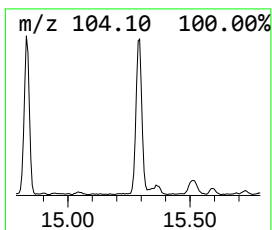
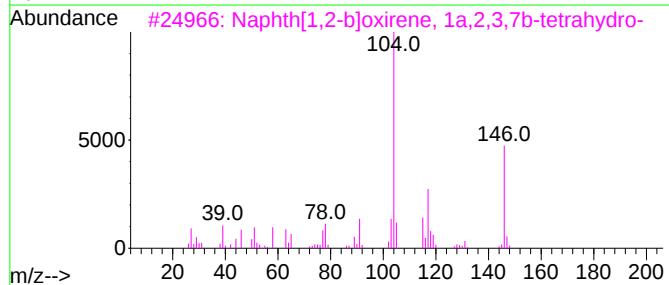
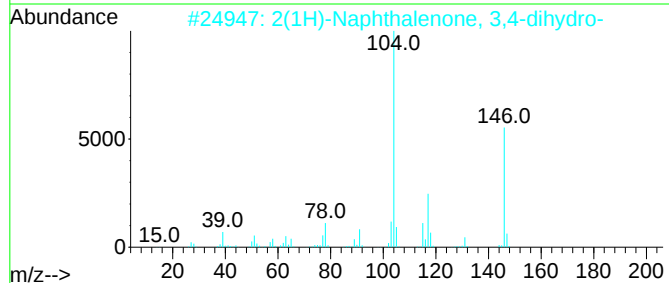
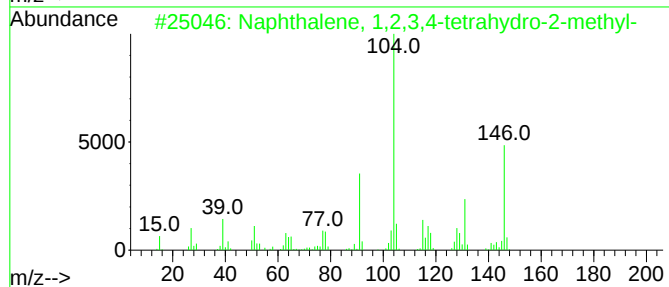
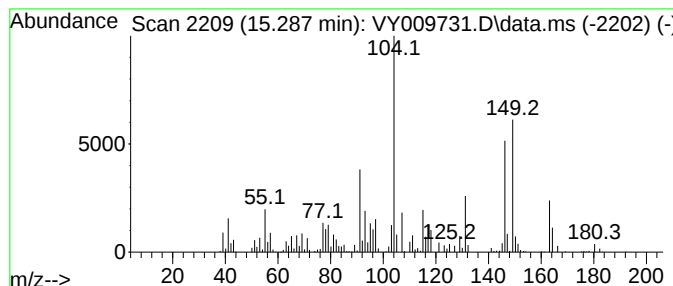
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	47.37 ug/l	724178	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	86
2			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	49
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	46
4			Acetamide, N-(2-phenylethyl)-	163	C10H13NO	000877-95-2	27
5			Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

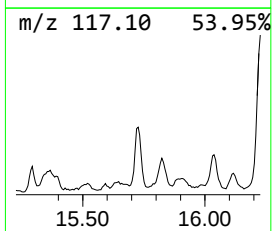
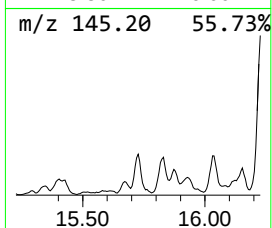
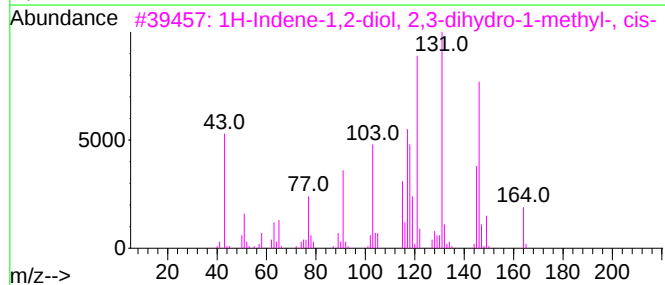
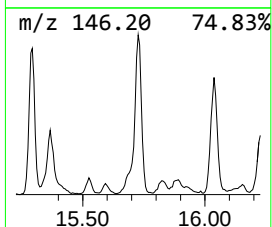
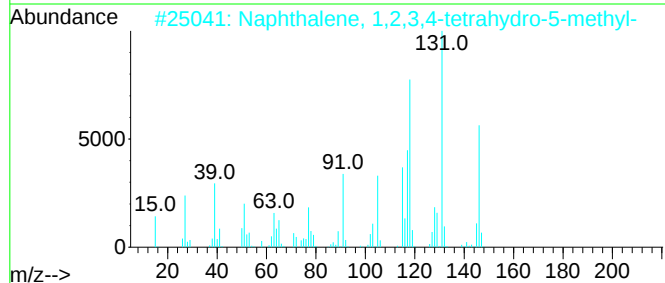
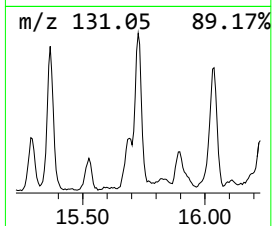
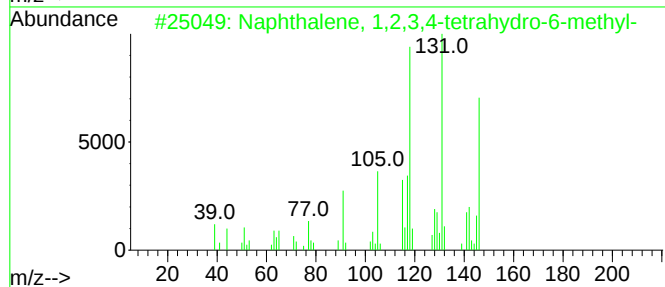
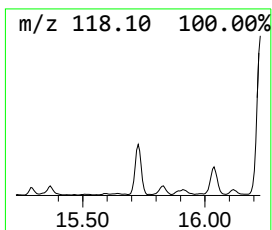
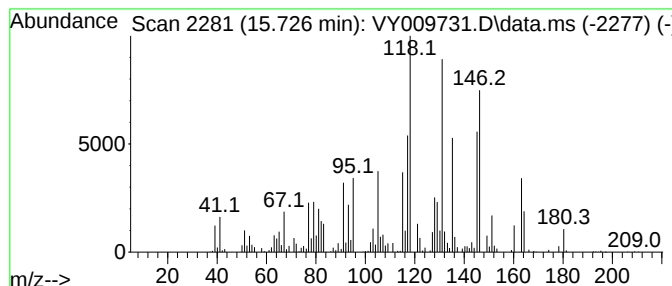
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.726	28.99 ug/l	443291	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3			1H-Indene-1,2-diol, 2,3-dihydro-...	164	C10H12O2	056588-29-5	60
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

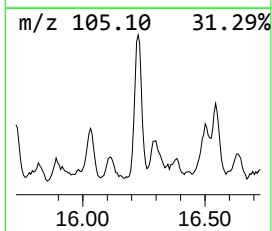
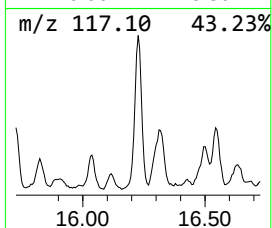
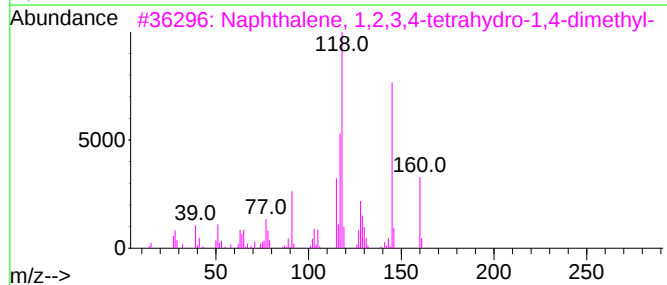
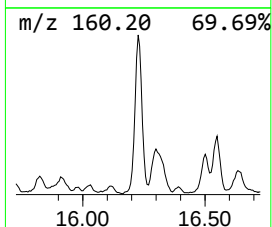
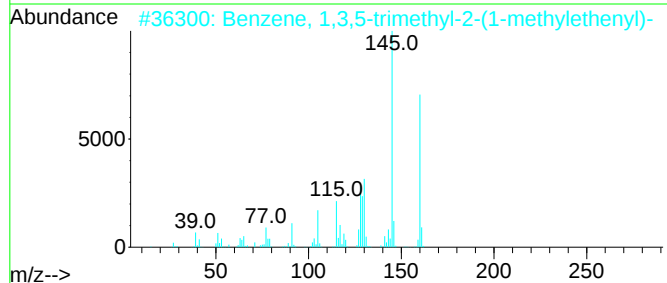
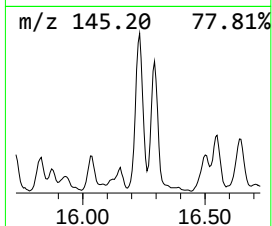
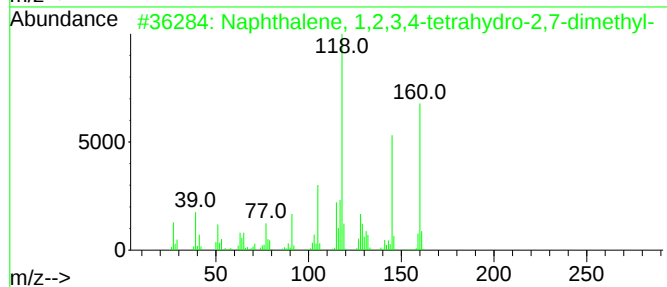
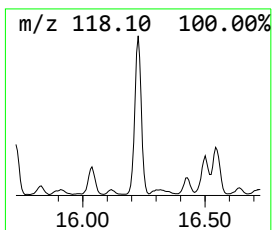
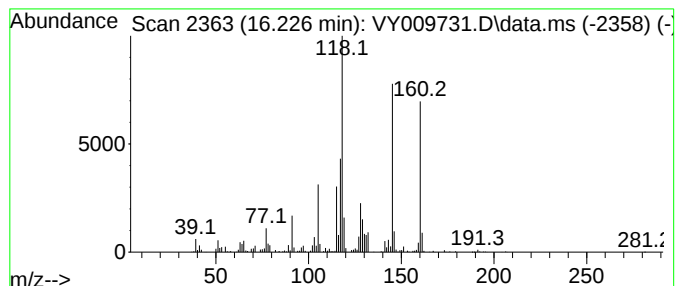
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	65.40 ug/l	999914	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	74
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

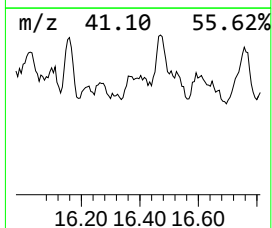
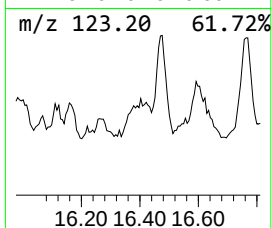
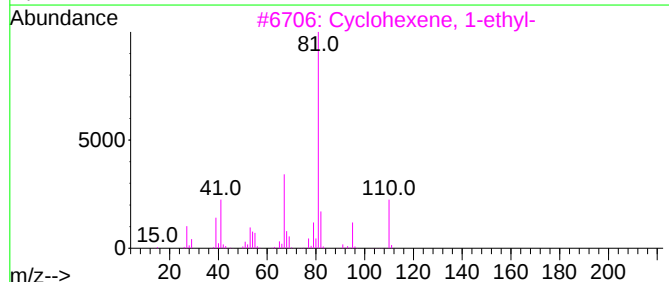
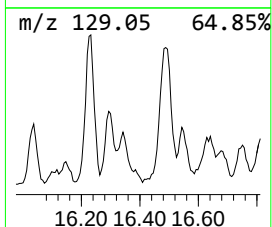
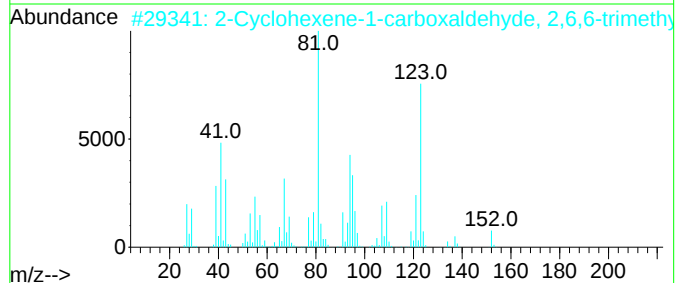
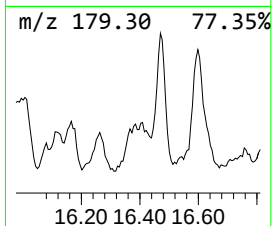
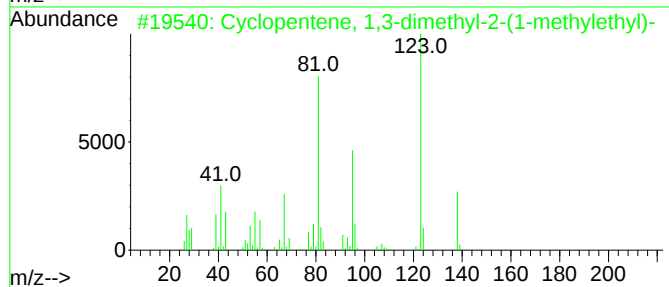
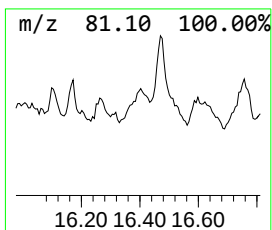
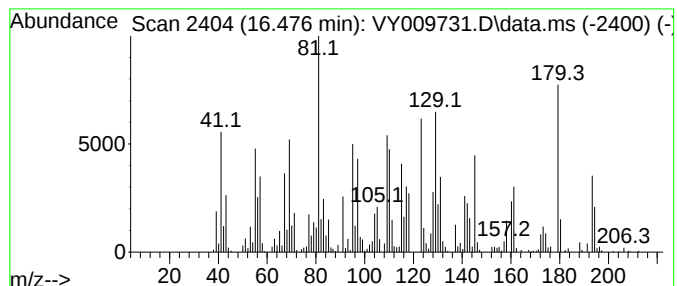
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown16.476 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.476	32.20 ug/l	492336	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	38
2			2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	18
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	11
4			1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	11
5			1H-Purin-2-amine, 6-methoxy-N-me...	179	C7H9N5O	050704-44-4	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009731.D
Acq On : 27 Jul 2022 17:49
Operator : KP/MD
Sample : N3944-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT2286

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, de...	14.257	32.6	ug/l	498820	4	13.422	764430	50.0
unknown14.678	14.678	31.1	ug/l	475551	4	13.422	764430	50.0
2(1H)-Naphthale...	14.727	37.7	ug/l	576684	4	13.422	764430	50.0
Naphthalene, de...	14.842	30.9	ug/l	472094	4	13.422	764430	50.0
1,4-Dimethylada...	14.940	28.7	ug/l	438690	4	13.422	764430	50.0
Naphthalene, 1,...	15.288	47.4	ug/l	724178	4	13.422	764430	50.0
Naphthalene, 1,...	15.726	29.0	ug/l	443291	4	13.422	764430	50.0
Naphthalene, 1,...	16.226	65.4	ug/l	999914	4	13.422	764430	50.0
unknown16.476	16.476	32.2	ug/l	492336	4	13.422	764430	50.0